

RECEIPT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Vincent Ling, et al

Serial No.: 10/085,906

Filed: February 27, 2002

For: Polymorphic Elements in the Costimulatory
Receptor Locus and uses Thereof

Attorney Docket No.: GNN-5343CP2

Group Art Unit: 1634

Examiner: Not Yet Assigned

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OCT 18 2002

TECH CENTER 1600/2900

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Office of Initial Patent Examination
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Washington, D.C. 20231**

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:


Applicants request the Filing Receipt of the above-referenced application be amended to correct the Domestic Priority data as claimed by applicant. In the Domestic Priority data field, please replace the following:

"This Application is a CIP of 09/534,061 03/24/2000 ABN which claims benefit of 60/126,215 03/25/1999"

with

*--This Application is a CIP of 09/534,061 03/24/2000 ABN which claims benefit of 60/126,215 03/25/1999,
which correspond to International Application Serial No. PCT/US00/07938 (Publication No. WO 00/56856)
03/24/2000--*


A copy of the Filing Receipt with this change noted in red is submitted, along with Page 1. of the Specification as filed with the Domestic Priority Data underlined in red. Since this error was made on the part of the U.S. Patent and Trademark Office, no fees are believed due to effect the requested correction. However, if fees are due in connection with this Request, please charge them to our Deposit Account No. 12-0080. A duplicate of this sheet is enclosed.

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September 26, 2002	
Date	
	
Megan E. Williams	Reg. No. 43,270

Date: September 26, 2002

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Megan E. Williams, Esq.
Registration No. 43,270
Attorney for Applicants



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Dear Sir:

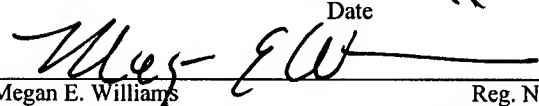
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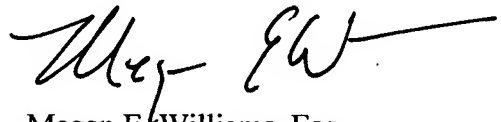
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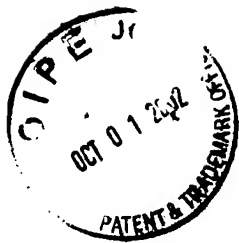
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LAHIVE
&
COCKFIELD
L L P

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
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DeANN FORAN SMITH
PETER C. LAURO
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DEBRA J. MILASINCIC, Ph.D.
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MEGAN E. WILLIAMS, Ph.D.
RICHA NAND
MICHAEL PHILLIPPS *
LISA M. DIROCCO
HATHAWAY P. RUSSELL **
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
SIBLEY P. REPPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y. HUFF, Ph.D.
DANIEL B. KO

TECHNICAL SPECIALISTS
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.

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Re: U.S. Continuation-in-Part Application Serial No. 10/085,906
Title: *Polymorphic Elements in the Costimulatory
Receptor Locus and Uses Thereof*
Filed: February 27, 2002
Inventors: Vincent Ling, et al.
Our Ref.: GNN-5343CP2

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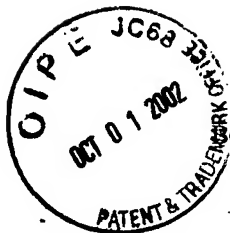
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LAHIVE
&
COCKFIELD
L L P



COUNSELLORS AT LAW
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FAX (617) 742-4214
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/085,906	02/27/2002	1634	1038	GNN-5343CP2	7	14	5

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109

CONFIRMATION NO. 5219
UPDATED FILING RECEIPT



OC00000008720502

Date Mailed: 09/03/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Vincent Ling, Walpole, MA;
Paul Wu, Cambridge, MA;
Gary S. Gray, Brookline, MA;

Assignment For Published Patent Application

Genetics Institute, Inc., Cambridge, MA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF 09/534,061 03/24/2000 ABN
WHICH CLAIMS BENEFIT OF 60/126,215 03/25/1999 *which*
correspond to PCT/US00/07938 03/24/00.

Foreign Applications

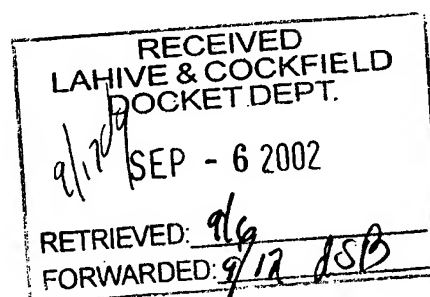
If Required, Foreign Filing License Granted 05/02/2002

Projected Publication Date: 12/12/2002

Non-Publication Request: No

Early Publication Request: No

Title

ENTERED

Polymorphic elements in the costimulatory receptor locus and uses thereof

Preliminary Class

435

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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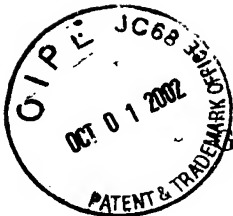
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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BNN-5343CP2

POLYMORPHIC ELEMENTS IN THE COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

5 **Cross-Reference to Related Applications**

This application claims priority to provisional application serial number 60/126,215, entitled "Polymorphism of CTLA-4 and Uses Thereof," filed on March 25, 1999. This application is a continuation-in-part of USSN 09/534,061, filed on March 24, 2000, which corresponds to International Application Serial No.

10 PCT/US00/07938 (Publication No. WO 00/56856) filed March 24, 2000. The entire contents of these applications are incorporated herein by reference. Attached hereto is Appendix A containing materials related to this application. The entire contents of this appendix is hereby incorporated by reference.

15 **Background of the Invention**

In order for T cells to respond to foreign proteins, two signals must be provided by antigen-presenting cells (APCs) to resting T lymphocytes (Jenkins, M. and Schwartz, R. (1987) *J. Exp. Med.* 165, 302-319; Mueller, D.L., et al. (1990) *J. Immunol.* 144, 3701-3709). The first signal, which confers specificity to the immune response, is transduced via the T cell receptor (TCR) following recognition of foreign antigenic peptide presented in the context of the major histocompatibility complex (MHC). The second signal, termed costimulation, induces T cells to proliferate and become functional (Lenschow et al. 1996. *Annu. Rev. Immunol.* 14:233).

Costimulation is neither antigen-specific, nor MHC restricted and is thought to be provided by one or more distinct cell surface molecules expressed by APCs (Jenkins, M.K., et al. 1988 *J. Immunol.* 140, 3324-3330; Linsley, P.S., et al. 1991 *J. Exp. Med.* 173, 721-730; Gimmi, C.D., et al., 1991 *Proc. Natl. Acad. Sci. USA.* 88, 6575-6579; Young, J.W., et al. 1992 *J. Clin. Invest.* 90, 229-237; Koulova, L., et al. 1991 *J. Exp. Med.* 173, 759-762; Reiser, H., et al. 1992 *Proc. Natl. Acad. Sci. USA.* 89, 271-275; van-Seventer, G.A., et al. (1990) *J. Immunol.* 144, 4579-4586; LaSalle, J.M., et al., 1991 *J. Immunol.* 147, 774-80; Dustin, M.I., et al., 1989 *J. Exp. Med.* 169, 503; Armitage, R.J., et al. 1992 *Nature* 357, 80-82; Liu, Y., et al. 1992 *J. Exp. Med.* 175, 437-445).



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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/085,906	02/27/2002	Vincent Ling	GNN-5343CP2

CFR

CONFIRMATION NO. 5219

000959
LAHIVE & COCKFIELD
28 STATE STREET
BOSTON, MA 02109



OC000000008943728

Date Mailed: 10/11/2002

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Domestic Continuity and Foreign Priority

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
- ☒ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification.
- ☐ A claim for priority cannot be made based on an application filed after the application making the claim.
- ☐ Domestic and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 USC 111(b)(7) and 37 CFR 1.53(c)(4).
- ☐ A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
- ☐ Foreign priority will appear on the Filing Receipt in the following order:
Country, Application number, Filing date.



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